

# Elkus Ranch Environmental Education Programs

## Grade Three

### **Physical Sciences**

1. Energy and matter have multiple forms and can be changed from one form to another. As a basis for understanding this concept:
  - a. *Students know* energy comes from the Sun to Earth in the form of light.
  - b. *Students know* sources of stored energy take many forms, such as food, fuel, and batteries.

### **Life Sciences**

3. Adaptations in physical structure or behavior may improve an organism's chance for survival. As a basis for understanding this concept:
  - a. Students know plants and animals have structures that serve different functions in growth, survival, and reproduction.
  - b. Students know examples of diverse life forms in different environments, such as oceans, deserts, tundra, forests, grasslands, and wetlands.
  - c. Students know living things cause changes in the environment in which they live: some of these changes are detrimental to the organism or other organisms, and some are beneficial.
  - d. Students know when the environment changes, some plants and animals survive and reproduce; others die or move to new locations.
  - e. Students know that some kinds of organisms that once lived on Earth have completely disappeared and that some of those resembled others that are alive today.